

## ABSTRACT

Methods and systems in an image processing device for controlling colors that are located external to a gamut are disclosed. A plurality of color values can be automatically provided as input to said image processing device, wherein said image processing device is under a control of a particular dimensional order, typically a three-dimensional order, but alternatively can be a two-dimensional order. Next, an operation can be performed dynamically determining which color value among the plurality of color values has attained a gamut limit. Thereafter, the particular dimensional order can be automatically reduced, thereby providing improved control for colors that are located external to said gamut. The plurality of color values analyzed is generally associated with three colors – cyan, magenta, and yellow.